



COPY OF PAPERS  
ORIGINALLY FILED

Attorney Docket No.: 407T-300000US

Client Reference No.: 2001-415-1

### DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **HIGH-EFFICIENCY MICROARRAY PRINTING DEVICE** the specification of which \_\_\_ is attached hereto or x was filed on June 27, 2001 as Application No. 09/894,863, and was amended on \_\_\_\_\_ (if applicable).

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

#### Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

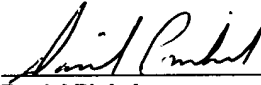
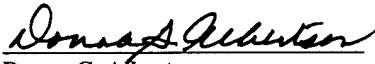
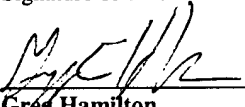
Full Name of Inventor 1:	Full Name: <b>Daniel Pinkel</b>		
Residence & Citizenship:	City: <b>Walnut Creek</b>	State/Foreign Country: <b>CA</b>	Country of Citizenship: <b>US</b>
Post Office Address:	Post Office Address: <b>31 Manzanita Court Walnut Creek, California 94595</b>		
Full Name of Inventor 2:	Full Name: <b>Donna G. Albertson</b>		
Residence & Citizenship:	City: <b>Lafayette</b>	State/Foreign Country: <b>CA</b>	Country of Citizenship: <b>US</b>
Post Office Address:	Post Office Address: <b>1098 Via Roble Lafayette, California 94549</b>		
Full Name of Inventor 3:	Full Name: <b>Joe W. Gray</b>		
Residence & Citizenship:	City: <b>San Francisco</b>	State/Foreign Country: <b>CA</b>	Country of Citizenship: <b>US</b>
Post Office Address:	Post Office Address: <b>50 Santa Paula Avenue San Francisco, California 94127</b>		
Full Name of Inventor 4:	Full Name: <b>Greg Hamilton</b>		
Residence & Citizenship:	City: <b>San Francisco</b>	State/Foreign Country: <b>CA</b>	Country of Citizenship: <b>US</b>
Post Office Address:	Post Office Address: <b>851 Alabama Street, Apt. A San Francisco, California 94110</b>		
Full Name of Inventor 5:	Full Name: <b>Nils W. Brown</b>		
Residence & Citizenship:	City: <b>San Francisco</b>	State/Foreign Country: <b>CA</b>	Country of Citizenship: <b>US</b>
Post Office Address:	Post Office Address: <b>1345 16<sup>th</sup> Avenue, #8 San Francisco, CA 94122</b>		
Full Name of Inventor 6:	Full Name: <b>Steven M. Clark</b>		
Residence & Citizenship:	City: <b>Haverton</b>	State/Foreign Country: <b>PA</b>	Country of Citizenship: <b>US</b>
Post Office Address:	Post Office Address: <b>205 Mill Road Haverton, PA 19083</b>		



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Client Reference No.: 2001-415-1

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  Daniel Pinkel Date 1-22-02	Signature of Inventor 2  Donna G. Albertson Date 1/22/02	Signature of Inventor 3  Joe W. Gray Date
Signature of Inventor 4  Greg Hamilton Date 1/22/02	Signature of Inventor 5  Nils W. Brown Date	Signature of Inventor 6  Steven M. Clark Date

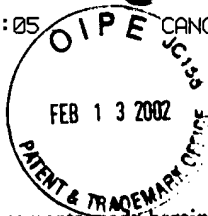
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Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
<u>Daniel Pinkel</u>	<u>Donna G. Albertson</u>	<u>Joe W. Gray</u>
Date	Date	Date 11/26/01

Signature of Inventor 4	Signature of Inventor 5	Signature of Inventor 6
<u>Greg Hamilton</u>	<u>Nils W. Brown</u>	<u>Steven M. Clark</u>
Date	Date	Date

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Signature of Inventor 1  <u>Daniel Pinkel</u>	Signature of Inventor 2  <u>Donna G. Albertson</u>	Signature of Inventor 3  <u>Joe W. Gray</u>
Date	Date	Date

Signature of Inventor 4  <u>Greg Hamilton</u>	Signature of Inventor 5  <u>Nils W. Brown</u>	Signature of Inventor 6  <u>Steven M. Clark</u>
Date	Date <u>1/2/2</u>	Date



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Signature of Inventor 1  <u>Daniel Pinkel</u> Date	Signature of Inventor 2  <u>Donna G. Albertson</u> Date	Signature of Inventor 3  <u>Joe W. Gray</u> Date
Signature of Inventor 4  <u>Greg Hamilton</u> Date	Signature of Inventor 5  <u>Nils W. Brown</u> Date	Signature of Inventor 6  <u>Steven M. Clark</u> Date <u>24, JAN 2002</u>

**ASSIGNMENT OF PATENT APPLICATION**

**JOINT**

WHEREAS, Daniel Pinkel, of 31 Manzanita Court, Walnut Creek, California 94595, Donna G. Albertson of 1098 Via Roble, Lafayette, California 94549, Joe W. Gray of 50 Santa Paula Avenue, San Francisco, California 94127, Greg Hamilton, 851 Alabama Street, Apt. A, San Francisco, California 94110, Nils W. Brown of 1345 15th Avenue #8, San Francisco, CA 94122, and Steven M. Clark of 205 Mill Road, Haverton, PA 19083, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:   HIGH-EFFICIENCY       MICROARRAY  
                          PRINTING DEVICE

Filing Date:                   June 27, 2001

Application No.:               09/894,863                   ; and

WHEREAS, The Regents of the University of California, a university, located at 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and which claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignment  
Application No.: 09/894,863  
Page 2


IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: 1-22-02

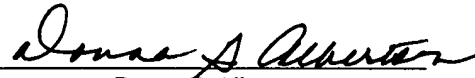
  
\_\_\_\_\_  
Daniel Pinkel

SIGNATURE WITNESSED BY:

(1) Date: 1/22/02

  
\_\_\_\_\_  
Signature of Witness 1

Dated: 1/22/02

  
\_\_\_\_\_  
Donna G. Albertson

SIGNATURE WITNESSED BY:

(1) Date: 1/22/02

  
\_\_\_\_\_  
Signature of Witness 1

Dated: \_\_\_\_\_

\_\_\_\_\_  
Joe W. Gray

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 1



Assignment  
Application No.: 09/894,863  
Page 3

Dated: 1/22/02

  
\_\_\_\_\_  
Greg Hamilton

SIGNATURE WITNESSED BY:

(1) Date: 1/22/02

  
\_\_\_\_\_  
Signature of Witness 1

Dated: \_\_\_\_\_

\_\_\_\_\_  
Nils W. Brown

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 1

Dated: \_\_\_\_\_

\_\_\_\_\_  
Steven M. Clark

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 1

Assignment  
Application No.: 09/894,863  
Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Daniel Pinkel

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

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Signature of Witness 1

Dated: \_\_\_\_\_

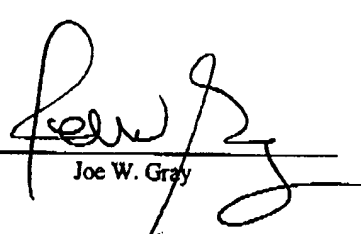
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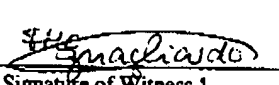
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Dated: 12/4/01

  
\_\_\_\_\_  
Joe W. Gray

SIGNATURE WITNESSED BY:

(1) Date: 12/4/01

  
\_\_\_\_\_  
Signature of Witness 1

Assignment  
Application No.: 09/894,863  
Page 3

Dated: \_\_\_\_\_

\_\_\_\_\_  
Greg Hamilton

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 1

Dated: 1/2/2

Nils W. Brown

Nils W. Brown

SIGNATURE WITNESSED BY:

(1) Date: 1/2/02

Stephanie Blackwood  
Signature of Witness 1

Dated: \_\_\_\_\_

\_\_\_\_\_  
Steven M. Clark

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 1

Assignment  
Application No.: 09/894,863  
Page 3

Dated: \_\_\_\_\_

\_\_\_\_\_  
Greg Hamilton

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 1

Dated: \_\_\_\_\_

\_\_\_\_\_  
Nils W. Brown

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 1

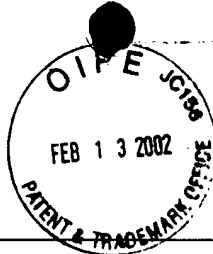
Dated: 24 JAN 2002

Steven M. Clark  
Steven M. Clark

SIGNATURE WITNESSED BY:

(1) Date: 24/1/02

Rg Tall  
Signature of Witness 1



(Modified) PTO/SB/81 (11-96)  
Approved for use through 6/30/99. OMB 0651-0035

<b>POWER OF ATTORNEY OR AUTHORIZATION OF AGENT, NOT ACCOMPANYING APPLICATION</b>	Application Number	<b>09/894,863</b>
	Filing Date	<b>June 27, 2001</b>
	First Named Inventor	<b>Daniel Pinkel</b>
	Group Art Unit	<b>1644</b>
	Examiner Name	<b>Unassigned</b>
	Attorney Docket Number	<b>407T-300000US</b>

I hereby appoint:

☒ Practitioners at Customer Number

**22798**

Type Customer Number Here



OR

Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

THAT IS:

Firm or Individual Name	Law Offices of Jonathan Alan Quine				
Address	P.O. Box 458				
Address					
City	Alameda	State	CA	Zip	94501
Country	United States				
Telephone	(510) 337-7871	Fax	(510) 337-7877		

I am the

☐ Applicant.

☒ Assignee of record of the entire interest (*Certificate under 37 CFR 3.73(b) is enclosed*)

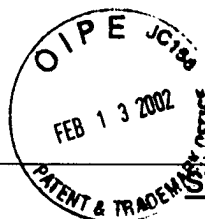
SIGNATURE of Applicant or Assignee of Record

Name	Linda S. Stevenson
Signature	<i>Linda S. Stevenson</i>
Date	

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: *January 28, 2002*

Typed or printed name	Chianti Appling		
Signature	<i>C. Appling</i>	Date	1/28/02



PTO/SB/96 (2-98)  
Approved for use through 09/30/2000. OMB 0651-0031

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant: Daniel Pinkel, et al.

Application No.: 09/894,863

Filed: June 27, 2001

Entitled: HIGH-EFFICIENCY MICROARRAY PRINTING DEVICE

The Regents of the University , a  
of California

university

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

\_\_\_\_\_  
Date

Linda S. Stevenson  
Signature

Linda S. Stevenson  
Typed or printed name

Manager, Patent Prosecution  
Title